

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A process for producing an *Antrodia camphorata* culture having pharmacological activity, comprising:

- (a) inoculating a mycelial inoculum of an isolate of *Antrodia camphorata* into a medium suitable for growth of said isolate to result in a first culture;
- (b) subjecting the first culture cultivated from step (a) to a first stage of agitation which is set at a first predetermined rate and for a first period of time to allow further growth of the inoculated isolate, so as to obtain a second culture proliferation with mycelium; and
- (c) subjecting the second culture obtained from step (b) to a second stage of agitation which is set at a second predetermined rate different from the first predetermined rate, so as to subject the isolate under physiological stress.

2. (Previously Presented) The process of claim 1, wherein the second predetermined rate is higher than the first predetermined rate.

3. (Previously Presented) The process of claim 1, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.5 to 5.4.

4. (Previously Presented) The process of claim 3, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.6 to 5.3.

5. (Previously Presented) The process of claim 4, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.7 to 5.2.

6. (Previously Presented) The process of claim 1, wherein the medium is selected from the group consisting of potato dextrose broth, and a synthetic medium containing fructose as a major carbon source.

7. (Previously Presented) The process of claim 6, wherein the medium is a synthetic medium containing fructose as a major carbon source.

8. (Previously Presented) The process of claim 1, wherein the isolate is selected from the group consisting of CCRC 930032 (ATCC PTA-1233), CCRC 35396, 35398, 35716, 36401 and 36795.

9. (Previously Presented) A process for producing an *Antrodia camphorata* culture having pharmacological activity, comprising:

(a) inoculating a mycelial inoculum of an isolate of *Antrodia camphorata* into a medium suitable for growth of said isolate; and

(b) cultivating the culture resulting from step (a) by adjusting the pH value of the culture to range from 4.5 to 5.4 throughout step (b).

10. (Previously Presented) The process of claim 9, wherein the culture from step (a) is cultivated by adjusting the pH value of the culture to a range from 4.6 to 5.3 throughout step (b).

11. (Previously Presented) The process of claim 10, wherein the culture from step (a) is cultivated by adjusting the pH value of the culture to a range from 4.7 to 5.2 throughout step (b).

12. (Previously Presented) The process of claim 9, wherein the medium is selected from the group consisting of potato dextrose broth, and a synthetic medium containing fructose as a major carbon source.

13. (Previously Presented) The process of claim 12, wherein the medium is a synthetic medium containing fructose as a major carbon source.

14. (Previously Presented) The process of claim 9, wherein the step (b) is performed by agitating at a predetermined rate.

15. (Previously Presented) The process of claim 9, wherein the isolate is selected from the group consisting of CCRC 930032 (ATCC PTA-1233), CCRC 35396, 35398, 35716, 36401 and 36795.

16-25. (Cancelled).

26. (Previously Presented) The process of claim 1, wherein the pharmacological activity is an inhibitory activity against tumor or cancer cells.

27. (Previously Presented) The process of claim 9, wherein the pharmacological activity is an inhibitory activity against tumor or cancer cells.

28-40. (Cancelled).